

Amendments to the Specification:

Please replace paragraph [00144] with the following amended paragraph:

[00144] **FIG. 13** shows a flow diagram of a process 1300 for transmitting data on the downlink in MIMO system 100. Process 1300 may be performed by access point 110x. A first plurality of data streams are coded and modulated in accordance with a first plurality of rates to obtain a first plurality of data symbol streams (block 1312). For the single-user steered mode, the first plurality of data symbol streams are spatially processed with a first plurality of steering vectors to obtain a first plurality of transmit symbol streams for transmission from multiple antennas to a first user terminal in a first transmission interval (block 1314). The first plurality of steering vectors [[are]]is derived such that the first plurality of data streams are transmitted on orthogonal spatial channels to the first user terminal. A second plurality of data streams are coded and modulated in accordance with a second plurality of rates to obtain a second plurality of data symbol streams (block 1316). For the single-user non-steered mode, the second plurality of data symbol streams are provided as a second plurality of transmit symbol streams for transmission from the multiple antennas to a second user terminal in a second transmission interval (block 1318). A third plurality of data streams are coded and modulated to obtain a third plurality of data symbol streams (block 1320). For the multi-user steered mode, the third plurality of data symbol streams are spatially processed with a second plurality of steering vectors to obtain a third plurality of transmit symbol streams for transmission from the multiple antennas to multiple user terminals in a third transmission interval (block 1322). The second plurality of steering vectors [[are]]is derived such that the third plurality of data symbol streams are received with suppressed crosstalk at the multiple user terminals.